

19990105.qrp v01_n327.qrl.990105

Date: Tue, 5 Jan 1999 19:08:23 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1327

QRP-L Digest 1327

Topics covered in this issue include:

- 1) [28755] Re: Aluminum primer?
by James Skalski <jskalski@buffnet.net>
- 2) [28756] Re: Aluminum primer?
by Rich Bachmann <bachmann@ari.net>
- 3) [28757] CQC Meeting
by "Marshall Emm" <mgemm@mtechnologies.com>
- 4) [28758] Re: [AQR] (no subject)
by crc <crc@io.com>
- 5) [28759] Re: Tex-BQU
by pmk@juno.com (Patrick M Kvitkauskas)
- 6) [28760] Re: A new "record"
by "Charles L. Stackhouse" <cstack@safelink.net>
- 7) [28761] Spartan Sprint
by kq0i@juno.com (Mark R Milburn)
- 8) [28762] Re: NEED R2 BUILDING INFO, TIPS, ETC.
by Ron Stark <ku7y@dri.edu>
- 9) [28763] Re: Elmer 101 Power Supply Question
by "George T. Baker" <w5yr@swbell.net>
- 10) [28764] Re: Slingshots for Launching
by "Mitch Dickson" <mitch@volstate.net>
- 11) [28765] Smoother VXO Tuning for 38S
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 12) [28766] Re: [AQR] (no subject)
by "Mitch Dickson" <mitch@volstate.net>
- 13) [28767] Tks for Spartan Sprint :-)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 14) [28768] Building success and Spartan Sprint
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 15) [28769] KC-1 Instructions
by "Don Wilhelm" <w3fpr@netzero.net>
- 16) [28770] : Alinco DX-70TH info?
by w6ors@juno.com
- 17) [28771] DICK-ALAIS MRZIP...WHERE R U?
by mjfitz@uswest.net
- 18) [28772] Re: Info on US subs for BC549A and TDA2003, BFR91A info needed.
by mwattcpa@earthlink.net (Marty Watt)
- 19) [28773] LOG:we6w spartan sprint.

by we6w@juno.com (Ed Loranger)

20) [28774] Don't read
by Lee Bahr <bahr521@earthlink.net>

21) [28775] Re: Aluminum primer?
by gsurrency@juno.com (Gary L Surrency)

22) [28776] WHY?
by Lee Bahr <bahr521@earthlink.net>

23) [28777] Re: QRP-L digest 1326
by Ed Middlebrook <edmiddlebrook@csi.com>

24) [28778] Spartan Sprint
by "Robert Armstrong" <barmstrong@sisna.com>

25) [28779] pssst--hey buddy wanna buy a crystal?
by K0RWC <rcw@frii.com>

26) [28780] Re: WHY?
by N7YA@aol.com

27) [28781] Spartan Sprint
by gsurrency@juno.com (Gary L Surrency)

28) [28782] Spartan Sprint log de N7XJ
by "Robert Armstrong" <barmstrong@sisna.com>

29) [28783] pssst--hey buddy wanna buy a crystal?
by Niels Jensen Kristjansson <nkristja@cadvision.com>

30) [28784] Re: WHY?
by "George T. Baker" <w5yr@swbell.net>

31) [28785] Re: : Alinco DX-70TH info?
by Jeff Grudin <grudin@pacific.vdbs.com>

32) [28786] Re: pssst--hey buddy wanna buy a crystal?
by "Radman" <radman@best.com>

33) [28787] RE: Spartan Sprint & Sierra
by aweiss@usd.edu (Ade Weiss W0RSP)

34) [28788] Re: LOG:we6w spartan sprint.
by we6w@juno.com (Ed Loranger)

35) [28789] Re: Spartan Sprint & Sierra
by "Radman" <radman@best.com>

36) [28790] Talk Radio...
by "Radman" <radman@best.com>

37) [28791] Re: Aluminum primer?
by K4AHK@ix.netcom.com

38) [28792] Unbuilt HW9 - Another
by Dick G0BPS <Dick@kanga.demon.co.uk>

39) [28793] The Millenium
by n3fel@juno.com (Howard D Rubin)

40) [28794] Re: The Millenium
by John Evans - N0HJ <jaevans@codenet.net>

41) [28795] Thanks for Alinco information
by "John Burnley" <burnley-ia@worldnet.att.net>

42) [28796] Re: Receiving 50 ohm Thermal Noise?
by Zack Lau <zlau@arrl.org>

43) [28797] Fw: DC Receivers

by "=?iso-8859-1?B?U3RldmUvTthUVQ==?" <n0tu@webaccess.net>
44) [28798] Re: pssst--hey buddy wanna buy a crystal?
by K0RWC <rwk@frii.com>
45) [28799] Fun with an old HW-7
by "Edward A Kwik jr" <eakwikjr@hti.com>
46) [28800] Butternut Butterfly beam?
by "Tom Moll" <tomm@xata.com>
47) [28801] N7KSB QRPp XMTR or Pixie -> 6M?
by Jim <kj5tf@madisoncounty.net>
48) [28802] RE:Multiple =?ISO-8859-1?Q?7805=B4s?= for Higher Current??
by "Juan David Zuloaga" <hk4bmg@epm.net.co>
49) [28803] Re: Pixie6 ?? wasN7KSB QRPp XMTR or Pixie -> 6M?
by Niel Skousen <skousen@srv.net>
50) [28804] Re: Capacitor Current
by applitech@mcg.net (Claton Cadmus)
51) [28805] Fox N/T+
by WN6HYX@qsl.net ()
52) [28806] Fox N/T+ Thursday
by wn6hyx@qsl.net ()
53) [28807] Qrp gear for sale
by tshilhanek@juno.com
54) [28808] Is the new EleCraft Y2K compliant?
by Lee Bahr <bahr521@earthlink.net>
55) [28809] Beacons & DX spots
by wj5o@juno.com (William H. Hays)
56) [28810] Re: NEED R2 BUILDING INFO, TIPS, ETC.
by Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
57) [28811] FS: SST/20m kit
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
58) [28812] BE VERY VERY CAREFUL with TEST messages!
by Lee Bahr <bahr521@earthlink.net>
59) [28813] JOTA patches
by John Mckee <JMckee@RFMD.com>
60) [28814] Re: Butternut Butterfly beam?
by Tom Palmer <n1tp@worldnet.att.net>
61) [28815] Need new Wilderness number/email
by JCoote@aol.com
62) [28816] TenTec 20M QRP Question
by Brian Murrey <brian@iquest.net>
63) [28817] Re: Butternut Butterfly beam?
by Tom Palmer <n1tp@worldnet.att.net>
64) [28818] Grayline propagation program, PA3CQR
by Ronald McConnell <rcmcc@lucent.com>
65) [28819] Re: KC-1 commands
by "Don Wilhelm" <w3fpr@netzero.net>
66) [28820] Re: Beacons & DX spots
by vlantz@juno.com (Vann G Lantz)
67) [28821] Re: Need new Wilderness number/email

by "Radman" <radman@best.com>
68) [28822] FB-Pixie2 update.
by we6w@juno.com (Ed Loranger)
69) [28823] Fox:Bye Tonight. Antenna Inspections U.S.M.C.
by we6w@juno.com (Ed Loranger)
70) [28824] Contacting Wilderness Radio
by David Maliniak <dmaliniak@penton.com>
71) [28825] ARGO II 535
by John Taylor <john@joorology.demon.co.uk>
72) [28826] Re: TenTec 20M QRP Question
by "Harry Hurst, WA3PTG" <hhurst@delaware.infi.net>
73) [28827] Re: TenTec 20M QRP Question
by "Harry Hurst, WA3PTG" <hhurst@delaware.infi.net>
74) [28828] Re: The Millenium
by "Harry Hurst, WA3PTG" <hhurst@delaware.infi.net>
75) [28829] I'm Back!
by TimAhrens <tahrens@hilconet.com>
76) [28830] solar charger
by W5TB <w5tb@SoftHome.net>
77) [28831] Need Hunting Equipt
by vlantz@juno.com (Vann G Lantz)
78) [28832] Fractals, NERDS, and GIGO
by "James R. Duffey" <ji3m@maxwell.com>
79) [28833] Re: QSLing
by Vic Rosenthal <rakefet@rakefet.com>
80) [28834] Re: solar charger
by Jeff Grudin <grudin@pacific.vdbs.com>
81) [28835] FS: Mizuho Handhelds
by Ed Manuel <n5em@flash.net>
82) [28836] re: "Small" Antenna
by n3aaz-qrp@juno.com (John R Kirby)
83) [28837] Re: A new record??
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
84) [28838] Re: : Alinco DX-70TH info?
by Richard Arland <k7sz@epix.net>
85) [28839] Re: Mizuho Handhelds
by "Radman" <radman@best.com>
86) [28840] re: Slingshots for launching
by Rick Weber <weber@accenttech.com>
87) [28841] Re: Butternut Butterfly beam?
by Stan Goldstein <stan@cruzio.com>
88) [28842] SST/20m kit is sold.
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
89) [28843] Novelty QRPp Logs
by "Bob Kellogg" <ae4ic@nr.infi.net>
90) [28844] testing... sorry for bandwidth
by "Radman" <radman@best.com>

Date: Mon, 4 Jan 1999 19:03:38 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: Donald E Sanders <w4bws@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28755] Re: Aluminum primer?
Message-ID:
<Pine.LNX.4.03.9901041901300.1758-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There is an etiquette to follow while engaged in warfare.... no chemical agents. Vaporizing them is another matter.
If that sounds silly; all you have to do is look in the history books.

Time was taken out during battle for dinner.

73,

Jim N2go

Date: Mon, 4 Jan 1999 19:52:52 -0500
From: Rich Bachmann <bachmann@ari.net>
To: "'mgipe@reliablemeters.com'" <mgipe@reliablemeters.com>
Cc: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [28756] Re: Aluminum primer?
Message-ID: <01BE381B.D2888F70@ppp_bach.ari.net>

I stumbled on an alternative to zinc chromate at E&B Marine, a boating supply store. It is called Tempo green zinc oxide primer (# 802) and they carry it for touching up outboard motor housings. The can says it is "ideal for a basecoat for all aluminum, magnesium and non-ferrous surfaces." I've had good results with it on aluminum and it dries quickly, ~ 1 hour.

73, Rich, N3SLR
bachmann@ari.net

Date: Mon, 4 Jan 1999 18:09:16 -0600

From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [28757] CQC Meeting
Message-ID: <199901050110.SAA18684@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

The Colorado QRP Club's January meeting is this coming Saturday, the 9th, at 10am, Castlewood Library at Arapahoe Rd and S. Uinta St. There's a map on the web site at <http://www.cqc.org>

A brief (I promise) meeting will be followed by show & tell and our program, which is, wait for it....

Paul Harden, NA5N will be talking about "Solar Events and their Effects on Propagation." It's a great presentation, and a MUST if you haven't seen it before or have any interest in propagation. Paul's also bringing some copies of the "Data Book for Homebrewers and QRPers" and I suspect he could be talked into autographing your copy if you already have it.

You do NOT have to be a member of CQC to come to the meeting.

If you are anywhere near a reasonable driving distance from Denver I hope to see you there....

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Mon, 04 Jan 1999 19:23:23 -0600
From: crc <crc@io.com>
To: "Edmund A. Popp" <k5bot@worldnet.att.net>
Cc: QRPL <QRP-L@Lehigh.EDU>, AQR <AQR@onelist.com>
Subject: [28758] Re: [AQR] (no subject)
Message-ID: <3691698B.1BD762C2@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>
> I received a note today from Fred, W5QJM. I will quote a part of what he
> said,
>
> "After almost a quarter-century of use, W5QJM has been retired". "As of
> 01/01/99, my call is
>
> K5QLF"
>
> "Veteran CW operators will understand" He also commented that it was to
> good to pass up and went for it.

I always thought it was NQLF, wonder if that is still out there?
Charlie WA5KRF

Date: Tue, 5 Jan 1999 01:50:09 +0000
From: pmk@juno.com (Patrick M Kvitkauskas)
To: ntan@crosslink.net, qrp-1@lehigh.edu
Subject: [28759] Re: Tex-BQU
Message-ID: <19990105.015010.12454.0.pmk@juno.com>

I sure is nice to here that Tex is still alive. I missed the original message sent to the list as I had deleted it by mistake. I remember chatting with him a few times as he use to fly airplanes in his younger days. Back when I was on phone every time I would work someone from El Paso his home town I would ask about him. If anyone get's a chance to work him he is quite a character and will keep you laughing the whole time. Wiskey 5 Big Quick and Ulgy and yes the first time I qsoed with him he sure talked about sneaking off to the cantina/cabaret.

Thanks again for bringing the good news
Patrick KD4OBQ

AR

On Mon, 04 Jan 1999 06:42:29 -0500 ntan <ntan@crosslink.net> writes:
>I read the posting abt Tex, W5BQU and remembered the qso I had with
>him
>just after I moved here to Gwynns Island, Va. in Mar. '93. I had just
>finished putting up my random wire vertical and had my ft101ee just
>inside the doorway, on the floor and I either called cq or answered

>his,
>don't remember, but I do remember the chat (or most of it) and he
>mentioned the trips to KL7 land and that he was 92 yrs and a ham for
>62. I received his qsl about 3 days after our chat and the front
>shows
>what a great sense of humor the OB has. Mine has his call in the
>center
>running diagonal with line drawings of his shack, windmill tower/ant
>support and water tower on one side of his call, and on the other side
>is "across the border" with the cantina/cabaret. Between the two are
>his "tracks" leading from his shack to the cantina etc. passed cactus
>to
>a side stop to the "emergency sand box", back across the border and
>back
>to his shack. I'm glad to see others still have fond memories of
>working Tex.-----72 de WA4CHQrp
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 4 Jan 1999 19:33:56 -0700
From: "Charles L. Stackhouse" <cstack@safelink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [28760] Re: A new "record"
Message-ID: <19990105030314064.AAB229@safelink.safelink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Arnie,

I posted the newspaper article claiming a new distance record with 1 watt.
I couldn't resist the QRP-L getting ahold of it. Posting it caused the
reaction I had hoped for from this list. Your reply was the best. A few people
seemed to think I believed this claim or was supporting it.

Good DX and Best Wishes for 1999,

Charles L. Stackhouse Burley, Idaho

WA2IPZ QRP-L #362

cstack@safelink.net

Date: Mon, 04 Jan 1999 22:10:17 EST
From: kq0i@juno.com (Mark R Milburn)
To: qrp-1@lehigh.edu
Subject: [28761] Spartan Sprint
Message-ID: <19990105.030822.5471.0.KQ0I@juno.com>

Guess I gotta see if maybe the electrons won't jump off the antenna when it's this cold ... heard plenty of stations, called plenty of stations, only 3 Qs. Set up on a frequency and called CQ SP...no answers. Discouraging night. Finally had to go watch football.

72/73, Mark, KQ0I Des Moines, Iowa EN31
Packet: kq0i@w0ak.#cia.ia.usa.na
e-mail: kq0i@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 4 Jan 1999 19:18:53 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28762] Re: NEED R2 BUILDING INFO, TIPS, ETC.
Message-ID: <Pine.SOL.3.96.990104191036.12235A-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

The issue of the QRP ARCI Quarterly that Laura is refering to is April, 98. Page 59.

The article is titled "Introduction to SMT: Building a Colpitts oscillator and Buffer".

This is a very good article. You should still be able to get a back issue from Danny, K3TKS. Email him at: K3TKS@abs.net

We are all very lucky to have such a super group of people to write for our club news letters/magazines and to keep us on track here on QRP-L.

I hate to think how much it would cost to pay these people what they are worth!

>From Antennas, Sun Spots, SMT, Design, Audio, RF, Operating and a whole batch of other topics, this is the place to learn.

I thank you all!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 04 Jan 1999 21:17:54 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: mitch@volstate.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28763] Re: Elmer 101 Power Supply Question
Message-ID: <36918462.DEB8ACD0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Remember, also, that some if not most computer supplies require a minimum load current before they go into regulation. In the old days, we called them "Bleeder Resistors."

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Mitch Dickson wrote:

> Go with a computer supply. I run a lot of things on
> them. They are clean enough to run ttl chips, so you can run your qrp
> without incident, IF the power supply is working properly!

Date: Mon, 4 Jan 1999 22:58:45 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <wb8ygg@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28764] Re: Slingshots for Launching
Message-ID: <004601be385f\$b1ce79e0\$3c338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Brad, been by Walmart lately? CU Mitch

-----Original Message-----

From: wb8ygg@juno.com <wb8ygg@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, January 04, 1999 4:51 PM
Subject: Slingshots for Launching

>Hey folks, I ordered a couple of slingshots from a place in Texas.
>
><http://www.aactionsports.com>
>
>These were pretty inexpensive slingshots, and perfectly good for
>launching the antenna!
>
>If you order from them, be aware that they don't have a secure server for
>ordering,
>but they can handle over the phone, or mail in orders.
>
>
>I have no interest in this place other than they were great prices, and I
>have my antenna launcher.
>(Folding no less for backpacking!)
>
>73
>Brad
>
>"One of the TICK Guys"
>Brad WB8YGG
><http://www.frontiernet.net/~embres>
>embres@frontiernet.net
>
>-----
>You don't need to buy Internet access to use free Internet e-mail.
>Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

>or call Juno at (800) 654-JUNO [654-5866]
>

Date: Mon, 04 Jan 1999 22:12:03 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [28765] Smoother VXO Tuning for 38S
Message-ID: <36919113.6E2B9928@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've put a lot of hours on my NORCAL 38 Special (my PRC-38S) and I have found that even with a quality ten turn potentiometer sometimes the frequency tuning can be a little scratchy or jumpy due to imperfections. I just recently replaced the pot with a new, smooth single turn pot and noticed what seemed like a digital step tuning of about 20 Hz that must of been due to the way the pot was fabricated. Another problem has always been the non-linear tuning of the frequency (all of the tuning at one end of the pot). I have eliminated both problems in my rig by installing a 4.7K Ohm resistor in parallel with a 22uF capacitor from the 100K Ohm potentiometer's arm to the ground side of the pot. The resistor helps make the overall tuning much more linear and the resistor/capacitor combination were chosen to provide what I felt was an adequate time constant. The capacitor has to charge or discharge as the pot is tuned and therefore no quick voltage transistions can occur, such has noise.

The frequency tuning on my rig is now as smooth as silk and spread out across the dial. This approach should work for other VVC-VXO (voltage variable capacitance-variable crystal oscillator) rigs as well.

73,
Steve Yates
AA5TB
Fort Worth
aa5tb@swbell.net
<http://home.swbell.net/aa5tb/>

Date: Mon, 4 Jan 1999 23:21:32 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <crc@io.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [28766] Re: [AQR] (no subject)
Message-ID: <007201be3862\$74690e0\$3c338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Don't know about that but a friend of mine is an old time Extra in
Cleveland, Tn and his call is W4XX And that was his original issued call!
My issued call is Ok on CW as well (AE4YW) except that you can't sent the
AE too fast or it sounds like an R.

Talked to some poor soul in Knoxville a while back who was issued KF4SOL
(didn't ask about his phonetics) he was already "Out of Luck" :) CU
Mitch

-----Original Message-----

From: crc <crc@io.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, January 04, 1999 8:26 PM
Subject: Re: [AQR] (no subject)

>>
>> I received a note today from Fred, W5QJM. I will quote a part of what he
>> said,
>>
>> "After almost a quarter-century of use, W5QJM has been retired". "As of
>> 01/01/99, my call is
>>
>> K5QLF"
>>
>> "Veteran CW operators will understand" He also commented that it was to
>> good to pass up and went for it.
>
>I always thought it was NQLF, wonder if that is still out there?
>Charlie WA5KRF
>
>
>

Date: Mon, 4 Jan 1999 23:23:44 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>

Subject: [28767] Tks for Spartan Sprint :-)
Message-ID: <199901042326_MC2-656B-565F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Well the dust has finally sort of settled around here after a stirring Spartan Sprint. Wow!--some sigs early on were absolutely ear splitting here. Some genuine 599's. Holy Smoke. Whew!!!!

Looks like I bagged 34 QSO's in 20 SPC's. Pretty good, I reckon. The band seemed especially quiet for the first 50 minutes, and there was a lot of exciting/challenging/fun QRM as we all went for it :-). As always, I was impressed by the courtesy of the testers, and it was not uncommon to hear a polite "QRL?".

Setup here was OHR500 at 5 watts to the TNT/2 Window until the BIG QRN began about midpoint. Then I switched to the new multi-band wire vertical and went just *below* 7.040 for the remainder of the evening.

A highlight for me was Ade W0RSP in SD :-). NVIS, Ade?--or just proof how big our two states really are?!

Sorry for all the muffed CW tonight. Losing a battle with flu, and the old brain couldn't always decipher quickly enough to receive or send very well. (Let's see, now = a 2 has *this* many dots, right?!!)

I will QSL all who ask. It really helps if you include a preaddressed return envelope. Don't mind putting my stamp on, but simply having your envelope ready to go will really speed things up. Thanks in advance.

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Mon, 4 Jan 1999 23:23:40 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:ataylor@heracles.llnl.gov" <ataylor@heracles.llnl.gov>, "+Doc W.D.

Lindsey/K0EVZ" <70511.3041@compuserve.com>,
//QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [28768] Building success and Spartan Sprint
Message-ID: <199901042326_MC2-656B-565E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Allan:

Here's hoping also. I replied earlier today, agreeing with your plan to send a check which I will hold until it seems like we have reached a successful denouement (there's a two-dollar word!). Wow. Sure hope the rig turns up. Have my heart set on it.

A fellow in our office said he was sent a package once. It appeared lost, but was located after *3 weeks* of searching. Had ended up in "NC" instead of "ND". He asked whether the ZIP code wasn't to solve such mixups. Never received a satisfactory answer, but did eventually get the item in question. So here's hoping it is simply backed up in USPS Xmas somewhere <Fingers crossed>.

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Mon, 4 Jan 1999 23:26:58 -0500
From: "Don Wilhelm" <w3fpr@netzero.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [28769] KC-1 Instructions
Message-ID: <001d01be3863\$d07fb260\$4e970e04@dbw-11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Help please,
I need the instructions (especially the command instructions) for the KC-1 keyer. I just sold a fellow QRP-L ham my rig with that keyer installed, and

I have mislaid the instructions. Does anyone have the commands in a form that could be e-mailed? Many thanks in advance for the help.

72,
Don W3FPR

NetZero - We believe in a FREE Internet. Shouldn't you?
Get your FREE Internet Access and Email at
<http://www.netzero.net/download.html>

Date: Mon, 4 Jan 1999 18:18:03 -1000
From: w6ors@juno.com
To: QRP-L@LEHIGH.EDU
Cc: bcrow@powerlink.net, alinco@qth.net
Subject: [28770] : Alinco DX-70TH info?
Message-ID: <19990104.183231.14542.0.w6ors@juno.com>

1-4-99

I too have a DX-70T and agree that it is a fantastic rig, but just hope it doesn't go bad!

Mine gave me some problems with not wanting to light up when I applied 13.8VDC and then refused to work at all. I e-mailed Alinco, wrote twice and haven't heard from them yet, and it's been 3 weeks without the fantastic rig!!

So beware the "customer service" people at Alinco. Maybe they don't exist...

Corky W6ORS

I have the DX-70T (low power on 6 meters) which I am running mobile. Fantastic rig, but the multifunction controls are a little tricky to work at cruising speeds. Otherwise, I love it, and at the price, it's hard to beat.

Oe thought: I would have been willing to pay a few dollars more to have the mobile bracket included, rather than try to find one after the fact.

72/73 de Bill, K1NIT

----- End forwarded message -----

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 04 Jan 1999 22:42:09 -0600
From: mjfitz@uswest.net
To: qrp-1@Lehigh.EDU
Subject: [28771] DICK-ALAIS MRZIP...WHERE R U?
Message-ID: <36919821.C8373AB0@pop.omah.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Today I received an E-mail from a gentleman named Dick who
is interested in qrp.
My reply to him bounced. I foolishly deleted his mail to
me before I realized
my reply had bounced, and I may have simply made a mistake
with his address. Would the gentleman please try again?
thanks Mike KI0AF

Date: Tue, 05 Jan 1999 04:39:13 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28772] Re: Info on US subs for BC549A and TDA2003, BFR91A info needed.
Message-ID: <369196f6.557362@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Mon, 4 Jan 1999 16:45:07 -0500 (EST), Laura Denise Halliday
<lha@sdr.utias.utoronto.ca> wrote:

>
>Why not buy the real things? Most U.K. electronics suppliers
>are just a phone call away - they have the stuff, they speak
>English, and they take credit cards over the phone. This
>*is* an international hobby, after all.

And, Laura will forgive me for picking on the Canadian currency woes at =
the
moment, but a USD goes a lot further these days in Canada as well. Same =
may
be true for the UK Pound or the new Euro ...

The credit card companies do the conversions for you.

Date: Mon, 04 Jan 1999 23:39:02 EST
From: we6w@juno.com (Ed Loranger)
To: russ@natworld.com
Cc: qrp-1@lehigh.edu
Subject: [28773] LOG:we6w spartan sprint.
Message-ID: <19990104.203722.4767.3.we6w@juno.com>

Oh yeah, we be having fun! Thanks for all the
activity in the sprint tonight!

Station:WE6W, Ed Loranger
Rig:OHR-100 at 5 Watts 1 lb
Key: Les Logan Bug ==> 3 lb
Tuner:Heathkit ==> .5 lb

Total Weight==>4.5 lb.

QSO's
0202 K7TQ 559 ID 2W 569
0206 K1QM 229 MA 5W 229
0208 W7SNV 599 WA 1W 589
0209 AB7MY 599 AZ 5W 599
0210 N7XJ 599 UT 2W 599
0212 W3TS 539 PA 1W 559
0213 N0IBT 559 CO 4W 559
0215 KS4L 569 AL 2W 449
0218 K6PZB 599 CA 2W 599
0220 N3DJ 549 VA 5W 549
0221 K0EVZ 579 ND 5W 579
0224 KC5T 559 TX 1W 559
0225 WA5WHN 579 NM 5W 579
0227 WZ2N 559 NY 5W 329
0228 KF6CTA 599 CA 5W 599
0235 VE6EWM 559 AB 3W 549
0236 AE4IC 439 NC 5W 549
0240 KI0II 599 CO 5W 549
0244 N6VOH 559 CA 10w 599 Rag chew

with prospective qrp'er. Sending him info.

0255 AL7FS 579 AK 5W559

0259 KA5T599 TX 5W549

0301 W5TB559 TX 5W559

0305 K7ZI559 UT 5W569

0308 N7B0599 UT 5W599

0310 KI0MZ 439 CO 5W449

..CALL/NO ANSWER SEARCH AND POUNCE....

0321 K7MPH 599 OR 2W599

Hear Seab!! AA1MY is back! No qso :(

Hear Russ!! AA7QUNegative contact :(

Hear W3CV... Nada. Hear n6mm... Later :)

0338 K4KXL 559 OH 5W569

0340 N6MM569 CA 5W569 <=HANDWRITING, 4W?

0343 WA8ZBT 559 TX 4W549

0348 N3YSI 449 PA 4W229 <==WORK!

0353 W3KC459 MD 4W459

0359 N2IX449 NY 5W449

AND THE CLOCK ROLLS TO 0400Z!!

What a great night! Cold, about 34 deg. F. in the shack. Frozen, happy guy I am :)

ThankS for a great contest ARS!

Totals for we6w, 40 meters only:

31 QSO's with 4.5 pounds of equipment,
where the Bug weighs 3 of those pounds!

5 watts sure goes a long way.

-Ed

72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium QSO's=67

<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 04 Jan 1999 22:44:32 -0600

From: Lee Bahr <bahr521@earthlink.net>

To: qrp-l@Lehigh.EDU

Subject: [28774] Don't read

Message-ID: <369198B0.9152212E@earthlink.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

TEST

Date: Mon, 4 Jan 1999 18:57:12 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: mgipe@reliablemeters.com
Cc: qrp-l@Lehigh.EDU
Subject: [28775] Re: Aluminum primer?
Message-ID: <19990104.215554.-4087671.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike,

Try your local NAPA or other auto parts store. I have purchased this stuff in the past from them, thru their auto finishes division. It was very good paint, but don't forget your repirator! ;-)

Oh, and BTW, *everything* is a carcinogen. Don't let that stop you.....

72,

On Mon, 4 Jan 1999 13:06:44 -0800 "Michael A. Gipe"
<mgipe@reliablemeters.com> writes:
>I've been looking for the fabled "zinc chromate primer" for quite a
>while now, because I have never been happy with my attempts to
>produce
>a good paint finish on aluminum.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 04 Jan 1999 22:55:38 -0600

From: Lee Bahr <bahr521@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [28776] WHY?
Message-ID: <36919B4A.627A688F@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Why don't my e-mails go through?

Date: Mon, 04 Jan 1999 22:51:18 -0600
From: Ed Middlebrook <edmiddlebrook@csi.com>
To: qrp-l@lehigh.edu
Subject: [28777] Re: QRP-L digest 1326
Message-ID: <3.0.3.32.19990104225118.00697000@pop.site1.csi.com>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

Hi Gang!

I really enjoy this list and I'm ready to pick up a QRP xmtr. I am interested in the FB-40, but has anyone tried out the Peanut Whistle II? Is the PWII xtal controlled? If so, this may be better than operating the FB-40 on 7.080 where there is usually RTTY activity.

Thanks for the insight!

72/73

Ed

KC5NT

<color><param>ffff,0000,0000</
param>-----

<italic>Ed Middlebrook

e-mail: edmiddlebrook@csi.com

web: as400.mcc.cc.tx.us

-----</italic></color>

Date: Mon, 25 Jan 1999 00:39:46 -0600
From: "Robert Armstrong" <barmstrong@sisna.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28778] Spartan Sprint
Message-ID: <01be482d\$7f572ba0\$f1b4d2d1@barmstrong.sisna.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wow! A super sprint tonight! I've made more Q's, but never had more fun. The northeast and midwest guys were blowing out my earbuds - the eastern boys had etherial signals that barely ruffled the ions, but they stuck in there! Special TU to WB2PEF, KA1DDB, and W3AXB for getting through. It was also great to work AL7FS with my mighty SST.

Hey ya'all ... if you don't operate the Sp Sprint, you should!

de N7XJ, Bob in Utah

Date: Mon, 04 Jan 1999 22:14:35 -0700
From: K0RWC <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28779] pssst--hey buddy wanna buy a crystal?
Message-ID: <3.0.5.32.19990104221435.00804100@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks:

Here is a nice Web site of XTAL sources. It came up on the CQC net tonight thought I'd pass it along.

72/3 K0RWC
Rod Cerkoney, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Tue, 5 Jan 1999 00:14:47 EST
From: N7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [28780] Re: WHY?
Message-ID: <23f016eb.36919fc7@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 1/4/99 9:06:53 PM Pacific Standard Time,
bahr521@earthlink.net writes:

<<
Why don't my e-mails go through? >>

heh heh, wouldnt it figure....that one did! 73...N7YA

Date: Mon, 4 Jan 1999 22:18:09 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-1@lehigh.edu
Subject: [28781] Spartan Sprint
Message-ID: <19990104.221809.-4087671.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang.

Great fun tonight on 'ol 40m!

A quick glance at the log looks like 29 Q's, 13 SPC's. Had to QRT for dinner at the start for a few minutes, or would have had even a better score.

Lots of QSB, and a bit of QRM from time to time. So if I accidentally stepped on anyone, my apologies. Seems like I was always moving, and calling QRL?

The band was up and down near the end of the 'test.

Nice to work 2 PA and 2 NY stations, and even AB came thru! Near the end, I finally worked a WA station for yet another SPC. Tnx!

Rig used tonight instead of my TAC-1 (usual contest rig) was a NC40A modified for 5 w, and a full size indoor 40m dipole. The Norcal rig is so sweet to use, with silky smooth QSK and a sharp filter that really helped tonight with all the stations on. I like it almost as much as my S&S TAC-1 that I was using to monitor with. But, I must put one of the 10 turn pots in the 40A from the group buy a while back, since the KC-1 in the rig will take care of the frequency readout. That 40A is just got to be the prettiest little radio ever made, and it works as good as it looks, too! ;-)

Thanks everybody for another fun SP ! :-)

72, & gn.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 25 Jan 1999 01:04:44 -0600
From: "Robert Armstrong" <barmstrong@sisna.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28782] Spartan Sprint log de N7XJ
Message-ID: <01be4830\$fcd4ff00\$f1b4d2d1@barmstrong.sisna.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, I've never done this before but someone might be interested, so here is my Spartan Sprint log for Jan 4, 99.

Jan 4, 1999
N7XJ Spartan Sprint Log
Stn: SST40 @ 2watts, Whiterook keyer,
nicad battery pack, earbuds = 1.2 lbs
37 QSO, 20 SPT
0203 K7TQ 559 559 ID 2W
0204 KS4L 455 339 AL 2W
0206 KC5T 445 559 TX 1W
0206 KQ01 449 559 IA 5W

0207 K6RPN 579 579 CA 5W
0208 AB7MY 549 599 AZ 5W
0210 WE6W 559 559 CA 5W
0211 N0IBT 599 5799 CO 4W
0212 KA5T 449 449 TX 5W
0214 K7GT 559 539 CA 2W
0218 W3TS 559 559 PA 1W
0222 W7SNV 579 599 WA 1W
0224 K0EVZ 599 599 ND 5W
0228 N8ET 459 559 OH 5W
0233 NM5M 559 559 TX 5W
0234 K6PZB 559 599 CA 2W
0235 N6WG 579 579 CA 5W
0242 W0RIP 559 559 SD 5W
0246 VE6EWM 569 579 AB 3W
0248 WZ2T 449 559 NY 5W
0249 N7CQR 579 599 OR 3W
0255 AB5PC 599 599 CA 5W
0259 AL7FS 449 229 AK 5W
0303 KN7YD 339 449 CA 5W
0306 K7MPH 579 579 OR 2W
0309 W3KC 449 449 MD 4W
0311 W5TB 599 599 TX 5W
0325 WA9ZBT 579 599 TX 4W
0329 K9CV 559 559 MI 5W
0335 AB7VI 599 559 WA 5W
0347 WB0WQS 579 569 MO 5W
0348 N2IX 459 459 NY 5W
0350 KD5CMN 559 449 TX 4W
0351 W3AXB 339 339 PA 1W
0352 KA1DDDB 339 339 MI 5W
0358 WB2PEF 449 449 NY 5W
0359 W0PRF 549 459 IA 5W

Date: Mon, 4 Jan 1999 22:44:49 -0700
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-1@Lehigh.EDU
Subject: [28783] pssst--hey buddy wanna buy a crystal?
Message-ID: <1.5.4.16.19990104233939.1b7ffd38@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

C=B4mon Rod tell us??

72 de Niels
VE6NJK/TF3NJ

>
>Folks:
>
>Here is a nice Web site of XTAL sources. It came up on the CQC net tonight
>thought I'd pass it along.
>---
>72/3 KØRWC
>Rod Cerkoney, QRP-L #1764.
>Fort Collins, CO
>da di dah
>
>

Date: Mon, 04 Jan 1999 23:54:06 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: bahr521@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28784] Re: WHY?
Message-ID: <3691A8FE.1DAA1A92@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Go through what?

72/73, George
Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Lee Bahr wrote:

>
> Why don't my e-mails go through?

Date: Mon, 04 Jan 1999 22:00:25 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: w6ors@juno.com, QRP-L <qrp-l@lehigh.edu>
Subject: [28785] Re: : Alinco DX-70TH info?
Message-ID: <3691AA79.C3624309@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I don't know about other's experiences with emailing companies, but I have had very poor results with every company that I have emailed. I don't rely on it any more.

I also have a DX70T and really like the rig. I accidentally did it in one time. A quick call to the Alinco and the told me how to ship it to them. I did and had it back repaired under warrantee even though I accidentally screwed it up. I had it back in a week.

--
73 de AC6KW <mailto:grudin@vdbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Mon, 4 Jan 1999 22:09:36 -0800
From: "Radman" <radman@best.com>
To: <rlwc@frii.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28786] Re: pssst--hey buddy wanna buy a crystal?
Message-ID: <199901050607.WAA21515@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Rod,

Didja ever surf this crystal site...? :-) Nice !
URL: http://www.cdi2.com/build_it/crystals.htm

72 - Conrad - NN6CW

Folks:

Here is a nice Web site of XTAL sources. It came up on the
CQC net tonight
thought I'd pass it along.

72/3 KORWC
Rod Cercone, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Tue, 5 Jan 1999 00:35:49 -0600 (CST)
From: aweiss@usd.edu (Ade Weiss WORSP)
To: qrp-l@lehigh.edu
Subject: [28787] RE: Spartan Sprint & Sierra
Message-ID: <199901050635.AAA03697@sunburst.usd.ed>

Hi gang:

Worked about 25 in the SP. Where was everyone for 20m? Open, but only AA7QU 579
in there.

This is the first "contest" situation using the Sierra that QrpBob awarded me at
Pacificon.

Boy!!!! That N6KR receiver is dynamite!! A \$1000 receiver at least!. I've never
before
had anything like the ability of this ABX filter to slice a slot for a weak
signal, making
it sound like only sig on the band! I still have trouble believing it. I gave out
a lot of
559's that objectively were like muddy 449's -- just because the readability and
apparent
strength both increased dramatically with the ABX filter narrowed way down. Then
after
a QSO I'd widen it out and be unable to actually copy the signal!

Now, I know there must be a lot of super rcvr's out there in Kenwoods and Yaesu's
and the
like that do just as well (or better?? -- how possible?) But I don't think I have
to try to
find out given the amazing performance of the Sierra!

Tnx Wayne for a fantastic rig!

72 and Happy New Year all!

Ade

Date: Tue, 05 Jan 1999 01:57:26 EST
From: we6w@juno.com (Ed Loranger)
To: russ@natworld.com
Cc: qrp-1@Lehigh.EDU
Subject: [28788] Re: LOG:we6w spartan sprint.
Message-ID: <19990104.225530.4767.16.we6w@juno.com>

Sorry Gang, that is 32 QSO's I got. Not 31.
And 20 SPC's in 2 hours!!!
32 Qso's, 20 SPC's in 2 hours with 4.5 lbs and 5 watts.
Phew! Almost broke a sweat.

I noticed looking at Hero Bob/N7XJ, he's got the
same break I do. From about 0310Z to 0321 I
had big trouble on the bands. And didn't start
heating up until about 0338Z. The final stretch
was OK.

Bob, you are an animal! Great going on your 37 Q's
and little SST.

-Ed

72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium QSO's=68/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

On Mon, 04 Jan 1999 23:39:02 EST we6w@Juno.Com (Ed Loranger) writes:

>Oh yeah, we be having fun! Thanks for all the
>activity in the sprint tonight!

>

>Station:WE6W, Ed Loranger
>Rig:OHR-100 at 5 Watts 1 lb
>Key: Les Logan Bug ==> 3 lb
>Tuner:Heathkit ==> .5 lb

>

>Total Weight==>4.5 lb.

>

<snip log>

>

>Totals for we6w, 40 meters only:

>

>31 QSO's with 4.5 pounds of equipment,
>where the Bug weighs 3 of those pounds!

>

>5 watts sure goes a long way.
>-Ed

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 5 Jan 1999 00:10:42 -0800
From: "Radman" <radman@best.com>
To: <aweiss@usd.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28789] Re: Spartan Sprint & Sierra
Message-ID: <199901050808.AAA23485@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Ade,

>>This is the first "contest" situation using the Sierra
that QrpBob awarded me at Pacificon. Boy!!!! That N6KR
receiver is dynamite!! A \$1000 receiver at least!. I've
never before had anything like the ability of this ABX
filter to slice a slot for a weak signal, making
it sound like only sig on the band! I still have trouble
believing it.

Hey, wait til you plug your headphones into Elecraft's K2
! I've taken the test drive and studied the specs... Wow!
It's a serious new breed of QRP machine ;) Rumored to be
shipping in a couple of weeks. Rumored to have an
automatic "Scanning Fox-Pouncer." Hmmm.... only N6KR could
come up with *that* feature :-) I've said too much. See
you on the bands :-)

vry 72 - Conrad Weiss - NN6CW

Date: Tue, 5 Jan 1999 00:39:34 -0800
From: "Radman" <radman@best.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28790] Talk Radio...
Message-ID: <199901050837.AAA19507@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

10M & 15M were plenty hot today. Enjoyed a lot of nice Qs with folks from all over the place. If you can talk/send/eat/chew/log at the same time... you might want to fire-up that Scout/Icom/Yaesu/Kenwood mobile on your lunch hour :-) I agree with Steve Weber... when 10M is open, you can work the world on a wet piece of string. (I did today.) What an amazing band!

Have fun,

72 - Conrad Weiss - NN6CW

Date: Tue, 05 Jan 1999 05:56:56 -0500
From: K4AHK@ix.netcom.com
To: mgipe@reliablemeters.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28791] Re: Aluminum primer?
Message-ID: <3691EFF5.47B4@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In my business we used to use a lot of zinc chromate primer. Because most of it was used on products for the military - and they have denounced it as too dangerous to use - we have stopped using it for most items.

A good way to test the adhesion of your primer and paint is to:

1. Apply the primer and allow it to cure the appropriate time.
2. Apply the finish coat and allow it to dry at least 24 hours.
3. Then put a strip of fresh and sticky masking tape on the surface and rub it down well. A wall paper seam roller works well if you have one.
4. Finally, pull the masking tape off. If the paint stays on the aluminum, you have a good primer. If it peels, try, try again.

A really clean and oil free surface is necessary for good adhesion. Aluminum oxidizes very quickly so plan to prime coat immediately after preparing the surface.

A couple of people mentioned auto body finishes. Lots of cars are being made with aluminum parts now and almost everyplace has a body shop somewhere close. Ask them what they use.

Bill Harding - K4AHK

Date: Tue, 5 Jan 1999 10:59:57 +0000
From: Dick G0BPS <Dick@kanga.demon.co.uk>
To: gqrp-1@blacksheep.org
Cc: qrp-1@lehigh.edu
Subject: [28792] Unbuilt HW9 - Another
Message-ID: <8+QmJCAtCfk2Ew0M@kanga.demon.co.uk>
MIME-Version: 1.0

Would you believe it, after my comments recently about the last unbuilt HW9 not being in Scotland but in my sticky hands (sold for a good price for Ian's daughter).

I have now heard of another. Unbuilt and complete!

I know personally the chap who told me he had it and I have no reason to not believe him.

So gang, there is at least one more unbuilt HW9 out there.

Remember, when I said it was the last I did add ...

'unless you know better of course', boy am I glad I did.

TTFN de ..

--

Dick Pascoe G0BPS
Kanga Products
Seaview House, Crete Road East
Folkestone CT18 7EG U.K.
Tel 44 (0) 1303 891106
<http://www.kanga.demon.co.uk>

Date: Tue, 5 Jan 1999 07:11:47 -0500
From: n3fel@juno.com (Howard D Rubin)
To: adams@ticnet.com
Cc: qrp-1@Lehigh.EDU
Subject: [28793] The Millenium
Message-ID: <19990105.071150.10270.0.n3fel@juno.com>

Chuck,

Try as you will, popular opinion dictates otherwise. As far as I'm concern, when that most significant digit changes to a '2' the new millenium has begun.

Howard D. Rubin, N3FEL

On Sat, 02 Jan 99 13:59:17 -0500 Chuck Adams <adams@ticnet.com> writes:

>

>Gang,

>

.

.

.

And to the

best of my knowledge the next millenium begins
on midnight of Dec 31, 2000, thus 2001 is the first
year. Decades and centuries END on the multiples
of 10 if I remember dates correctly.

.

.

.

>--

>Chuck Adams K5FO adams@ticnet.com CP-60

><http://www.ticnet.com/k5fo>

>

>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 05 Jan 1999 05:42:48 -0700
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-1@lehigh.edu
Subject: [28794] Re: The Millenium
Message-ID: <369208C8.8B7672C6@codenet.net>

Howard D Rubin wrote:

>

>

72 - john - n0hj

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

72/73, John NUOV

Date: Tue, 05 Jan 1999 08:30:29 -0500

From: Zack Lau <zlau@arrl.org>
To: qrp-1@lehigh.edu
Subject: [28796] Re: Receiving 50 ohm Thermal Noise?
Message-ID: <369213F5.88E49F2@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

1. It is quite unlikely for thermal noise to add in-phase.
2. It is important to maintain the proper impedance--how are you terminating the receiver with a noise free 50 ohm load? An interesting experiment is to dunk the 50 ohm load in liquid nitrogen and measure the decrease in noise. Try measuring the receiver with different terminations.
3. With a 12 dB NF receiver, I calculate a 0.26 dB increase in noise from 0 to 290 Kelvin of thermal noise from the termination resistor.

--Zack Lau W1VT zlau@arrl.org

Dan Tayloe-P26412 wrote:

```
> > In <36911772.C4F826C5@email.mot.com>, Dan Tayloe-P26412 wrote:
> > >
> > >Is this actual thermal noise from the 50 ohm pad (given
> > >-130 MDS in 1.6 KHz BW) or I am just seeing some other
> > >effect?
> > >
> > >
> I think I am indeed seeing thermal noise. See if my logic is
> correct.
>
> 50 ohms is -152 dbm (I think) at 500 Hz BW. At 1600 Hz,
> there is  $1600/500 = 3.2x$  times the noise. This is 10.1 db,
> bring the 50 ohm noise contribution up to about -142 dbm.
>
> -130 dbm is 0.1 uV of receiver noise. -142 dbm is 0.025 uV
> of noise from the 50 ohm pad.  $(0.1 + 0.025) / 0.1 = 1.25x$ 
> change in the noise, which is 1.9 db. Close enough.
>
> Therefore, it appears as if I can actually hear the additional
> thermal noise when adding the 50 ohm 20 db pad to the antenna
```

> connection of this receiver.
>
> - Dan Tayloe, N7VE

Date: Tue, 5 Jan 1999 06:45:53 -0700
From: "=?iso-8859-1?B?U3RldmUvTthUVQ==?" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [28797] Fw: DC Receivers
Message-ID: <002201be38b1\$bb485840\$72a8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

-----Original Message-----

From: . <mak@compulink.gr>
To: Steve/n0tu <n0tu@webaccess.net>
Date: Monday, January 04, 1999 1:26 PM
Subject: Re: 8-60pf mica trimmers

A fellow QRP-Ler(Toli) in Greece needed a few trimmers to get his HW-7
up and running so I sent him some ...BUT now he probably needs some
tips on DC receiver operation... And I'm no expert on DC RXs.
...suggestions? (pse email Toli)

Tks Gang ...72/73 ...Steve/N TU-Monument,CO

-----snip-----

>Dear Steve
>Arrived today and already is in place.
>I just finish calibration and the HW-7 works fine for the momment.
>I have vy good p.o. (pwr out) exctact as the manual specification
>table. And on the air test
>I call 3 time cq with a gp ant on 40 m and i got a mini pileup of
5-7-9
>from all over Europe.The only problem is the receiver
>(1st time i work with direct conversion!!!) but is funny.
>So dear Steve many thanks, you help too much and i have to telll you.
>If ever come in Greece.My Home my shack and my
>antenna farm (hihi) is ready for you to opereate as

>SV1/N0TU/QRP.
>Best 72/73
>Toli
>mak@compulink.gr
>
>
>
>-----
>> From: Steve/n0tu <n0tu@webaccess.net>
>> To: . <mak@compulink.gr>
>> Subject: Re: 8-60pf mica trimmers
>> Date: , 3 1999 6:00
>>
>> Hi Toli,
>>
>> Just checking to see if caps show up yet? They did go via air
mail?
>>
>> Best Wishes, Steve
>>
>> -----Original Message-----
>> From: . <mak@compulink.gr>
>> To: Steve/n0tu <n0tu@webaccess.net>
>> Date: Thursday, December 24, 1998 11:36 PM
>> Subject: Re: 8-60pf mica trimmers
>>
>>
>> >
>> >
>> >-----
>> >> From: Steve/n0tu <n0tu@webaccess.net>
>> >> To: mak@compulink.gr
>> >> Subject: 8-60pf mica trimmers
>> >> Date: , 25 1998 12:17
>> >>
>> >> How many do you need I have source here in my town. What size
and
>> >> mounting arrangement do they require? I'll send you some. No
charge
>> >> ...pleasure! QRPers are birds of a feather!
>> >>
>> >> Merry Xmas....steve
>> >>
>> >> Hpy QRPin' Holidays & G L in'99 ...Steve/n0tu-Monument,CO
>> >> <http://www.webaccess.net/~s&p/HRindex.htm>
>> >
>> >Dear Steve
>> >Many thanks for your Answer.

>> >I get an old but in good condition hw-7 from USA.
>> >The problem is that someone previous ower store a battery inside
the
>> >cabinet
>> >and so the acid destroy the metallic part of the three mica
trimmers,
>> the
>> >rust
>> >make the capacitor to a solid piece of rust.
>> >So the manual describes theese capacitors as 8-60 pf mica
trimmers.
>> >Theese trimmers are like a small poststamp and have two feet.
>> >I need three of them and dear Steve i dont know what can i use
>> because
>> >i think they stop produced mica trimmers.
>> >In any case it's a great pleasure to know you and thank's is a
small
>> word
>> >as reply to your kindness Dear Steve but
>> >from my heart a Big, Big THANKS
>> >Best 73 and Merry Xmas and also a Happy New Year for you and
>> family.
>> >Toli
>> >SV1EDY
>> >mak@compulink.gr
>> >
>> >My Adress if found something is
>> >
>> >APOSTOLOS BOUROUSIS
>> >1 ANAXIMANDROY STR.
>> >ATHENS 116-33
>> >GREECE
>> >
>> >
>>

Date: Tue, 05 Jan 1999 07:08:31 -0700
From: KORWC <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28798] Re: pssst--hey buddy wanna buy a crystal?
Message-ID: <3.0.5.32.19990105070831.00816320@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:14 PM 1/4/99 -0700, K0RWC wrote:

>Folks:

>

>Here is a nice Web site of XTAL sources. It came up on the CQC net tonight
>thought I'd pass it along.

<http://www.mnsinc.com/bry/mega/xtals.htm>

DUH, don't let me near the power tools! :-) <-red faced smiley

72/3 K0RWC

Rod Cerkoney, QRP-L #1764.

Fort Collins, CO

da di dah

Date: Tue, 05 Jan 1999 09:31:19 -0500

From: "Edward A Kwik jr" <eakwikjr@hti.com>

To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>

Subject: [28799] Fun with an old HW-7

Message-ID: <36922237.9050BC16@hti.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

My Triton has been shipped to TN for repairs. That left my with my SW40+ as my only rig. Wait a minute what about that old HW-7 I built 25 years ago. Used it to copy W1AW before I got my ticket last year and has never been properly aligned. So I put one of Dave Benson's Freq Mites counter boards together. It is a real neat little kit and configured it for a stand alone counter. Got out my copy of the HW-7 manual and went through the calibration and alignment. WOW. The HW-7 works. Made QS0 on 15, 20, and 40. The sidetone is too loud and thumps real bad so need to turn the gain way down when transmitting. But it works. So look for me in the up coming HW contest.

Ed Kwik AB8DF

Date: Tue, 5 Jan 1999 08:49:36 -0600

From: "Tom Moll" <tomm@xata.com>

To: <qrp-l@lehigh.edu>

Subject: [28800] Butternut Butterfly beam?

Message-ID: <000501be38ba\$9dd3d290\$4aaa7acf@tomm.XATA-CORP>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Can anyone provide any feedback, pro or con, on the
Butternut Butterfly 2 element beam? How do they perform?
Don't bother telling me it is not as good as a full size 20m
beam ! (unless it is, of course :))
TIA, Tom Moll, NoBS

Date: Tue, 05 Jan 1999 09:14:25 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@Lehigh.EDU
Subject: [28801] N7KSB QRPp XMTR or Pixie -> 6M?
Message-ID: <36922C51.5A4B@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I had a discussion about the N7KSB xmtr going to 50mHz with Ori who you
remember designed the 38 Special. He discribes one way I could get the
74HC240 up to 6m.

I expressed a small fear that the 74hc240 may not be practical at that
freq. But Im just guessing. The chip does 500mw at 14-21mHz, and 470mw
at 28mHz.. so not sure how much pwr its gunna do at 50mHz.

We need some experiments here - Ori expressed that the Pixie circuit is
better suited for 6M in his opinion... I asked and recieved his
permission to reprint the text.

Below is the text of our discussion in case anyone wants to go further
--->

Ori,
I think i have a 46 or something mhz xtal from a cordless fone - and
will have to see if I can get that going - if so I can play hell with
cordless fone folks :) (just kidding) - OR use that as a test to see if
50.090mhz has a chance.
With Jan's xtals going for \$12-14. bux I figure its a good idea to try
the 46mhz 1st!

Jim,

Let's fix that problem... take a standard 10.0 MHz crystal and build a fifth-overtone oscillator!!! You can easily cover 30-40 KHz range right around the 50.090 MHz with a VX0.

Don't forget the traps for 10.0 and 30.0 MHz!!!

I'd build them both from a tapped toroidal inductor with tiny trimcaps.

Use the same core for an output transformer for the 50.0 MHz and you get one clean and cheap oscillator for less than two bucks, with excellent impedance matching from a single transistor circuit.

In the 49er configuration, follow the circuit in the Signetics data book for an overtone oscillator. Same circuit as the Pixie, using the internal transistor in the NE602.

I'll go with a Pixie circuit, much more solid at 6 meters.

73 Ori AC6AN

Date: Tue, 5 Jan 1999 10:24:21 -0500
From: "Juan David Zuloaga" <hk4bmg@epm.net.co>
To: "QRP-L LIST" <qrp-l@Lehigh.EDU>
Subject: [28802] RE:Multiple =?ISO-8859-1?Q?7805=B4s?= for Higher Current??
Message-ID: <199901050522.KAA03043@lauta.epm.net.co>

I agree with the guys who want to use a High current pass transistor. However If you really want to use your spare 7805 s, then you could try:

Paralleling the inputs, center pins to ground, Output pin in series with a 0.22 ohms/1/2 Watt Resistor for each 7805. Only problem, you should expect about a 0.22 Volt. drop at the output. (full load).

Juan Zuloaga
HK4BMG

Date: Tue, 05 Jan 1999 08:43:54 -0700
From: Niel Skousen <skousen@srv.net>
To: qrp-l@lehigh.edu
Subject: [28803] Re: Pixie6 ?? wasN7KSB QRPP XMTR or Pixie -> 6M?
Message-ID: <4.1.19990105084102.00922e70@if.sciencetech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is the first pixie I've been really tempted by...

Pixie6 ?? Who'll be first ? the gauntlet is down...

psst: Ed, I need all your pixie trick's and mod's

*8-)

Niel

At 09:14 AM 1/5/99 -0600, you wrote:

>I had a discussion about the N7KSB xmtr going to 50mHz with Ori who you
>remember designed the 38 Special. He describes one way I could get the
>74HC240 up to 6m.

>I expressed a small fear that the 74hc240 may not be practical at that
>freq. But Im just guessing. The chip does 500mw at 14-21mHz, and 470mw
>at 28mHz.. so not sure how much pwr its gunna do at 50mHz.

>

>We need some experiments here - Ori expressed that the Pixie circuit is
>better suited for 6M in his opinion... I asked and recieved his
>permission to reprint the text.

>

>Below is the text of our discussion in case anyone wants to go further
>--->

>

>Ori,

>I think i have a 46 or something mhz xtal from a cordless fone - and
>will have to see if I can get that going - if so I can play hell with
>cordless fone folks :) (just kidding) - OR use that as a test to see if
>50.090mhz has a chance.

>With Jan's xtals going for \$12-14. bux I figure its a good idea to try
>the 46mhz 1st!

>

>Jim,

>Let's fix that problem... take a standard 10.0 MHz crystal and build a
>fifth-overtone oscillator!!! You can easily cover 30-40 KHz range right
>around the 50.090 MHz with a VX0.

>Don't forget the traps for 10.0 and 30.0 MHz!!!

>I'd build them both from a tapped toroidal inductor with tiny trimcaps.

>Use the same core for an output transformer for the 50.0 MHz and
>you get one clean and cheap oscillator for less than two bucks, with
>excellent impedance matching from a single transistor circuit.

>In the 49er configuration, follow the circuit in the Signetics data book
>for an overtone oscillator. Same circuit as the Pixie, using the
>internal transistor in the NE602.

>

> I'll go with a Pixie circuit, much more solid at 6 meters.

>

>73 Ori AC6AN

>

Date: Tue, 5 Jan 1999 09:43:50 -0600
From: applitech@mcg.net (Claton Cadmus)
To: <mikemo@ibm.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28804] Re: Capacitor Current
Message-ID: <026901be38c3\$0d429c80\$a10a5e2c@groucho>

Mike and all,

I have built a small "portable" transmit loop and have hit on a great solution to the tuning cap problem. First, here is what you want in a cap. Spacing wide enough to handle the voltage, plates that are soldered to the shafts and supports (the aluminum plate pressed into the brass grooved shaft type will not do), and finally no slip joint contact to the rotor. Suitable types are butterfly or split stator, both very hard to find and each section must be twice what you need as they are caps in series.

There is a website that shows how to make a butterfly and it's really quite easy but I would suggest you use brass sheet and solder together after assembly. The URL was posted here but I didn't save it. Perhaps someone else could post it?

I built a split stator sliding tube tuning cap in the original design. Because I want this to be portable and this design weighs quite a bit I was looking for alternatives. Also the original element was #10 stranded wire (yes I know this is not the best! This is a portable antenna) but this is difficult to fold up and store. So I'm replacing the element with a 3/8 inch flat braid. The loop is square with a 20 foot element. On 40 meters it should be about 65% efficient.

Here is where the NEW solution comes in. I happened upon a 65pf well built variable with adequate spacing. This cap has a short stub of a shaft out the rear, it also has stops so you can only rotate the shaft 180 degrees. I'm going to solder the braid to the short shaft end of the cap and bypass the slip contacts, because of the flex of the braid it should rotate fine and do the job well.

BTW, there is an excellent program on designing small transmitting loops in the HamCalc series of programs.

Hope this helps,

73 de Cla KA0GKC

Date: Tue, 5 Jan 1999 11:02:18 -0500
From: WN6HYX@qsl.net ()
To: qrp-1@Lehigh.EDU
Subject: [28805] Fox N/T+
Message-ID: <199901051602.LAA11763@ns1.qsl.net>

Sorry Everyone....

CORRECTION:

My starting Frequency Thursday will be 7108not 7008. Thank you Scott (n3byy)
and will have a biscuit ready for the puppy!

72

Mary > WN6HYX

QRP-L #1779 QRP-C #51 FISTS #5457

Date: Tue, 5 Jan 1999 11:03:53 -0500
From: wn6hyx@qsl.net ()
To: qrp-1@Lehigh.EDU
Subject: [28806] Fox N/T+ Thursday
Message-ID: <199901051603.LAA11828@ns1.qsl.net>

Sorry Everyone....

CORRECTION:

My starting Frequency Thursday will be 7108not 7008. Thank you Scott (n3byy)
and will have a biscuit ready for the puppy!

72

Mary > WN6HYX

QRP-L #1779 QRP-C #51 FISTS #5457

Date: Tue, 5 Jan 1999 16:42:40 -0600
From: tshilhanek@juno.com
To: qrp-1@Lehigh.EDU
Subject: [28807] Qrp gear for sale
Message-ID: <19990105.164240.11782.0.tshilhanek@juno.com>

I still have one piece of Qrp gear to sell.

TAC-1 40m version . \$160.00

Works and looks very good.

Terry
W0PFR

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 05 Jan 1999 10:35:11 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [28808] Is the new EleCraft Y2K compliant?
Message-ID: <36923F3F.6BC9FF82@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Since I have ordered the new EleCraft K2 transceiver, I am curious if it is Y2K compliant? I would not like to go down in flames next New Years Eve, or have the Y2K police seize my new rig !! :-) Lee Bahr w0vt

Date: Tue, 5 Jan 1999 10:48:10 cst
From: wj5o@juno.com (William H. Hays)
To: TENTEN-L@LEHIGH.EDU, QRP-L@LEHIGH.EDU
Subject: [28809] Beacons & DX spots
Message-ID: <19990105.104813.-70405.7.WJ50@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,
For "real time" information on whats being heard try:

<http://oh2aq.kolumbus.com/dxs/>

In the left column a person can "click" on any band or beacons.
Also, a person can enter current information like DX "worked",

heard or beacons heard.
It's updated almost immediately.

73 Bill WJ50

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 5 Jan 1999 11:57:28 -0500 (EST)
From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28810] Re: NEED R2 BUILDING INFO, TIPS, ETC.
Message-ID: <Pine.SOL.3.92.990105114826.24233A-100000@madrox>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 4 Jan 1999, Ron Stark wrote:

> The issue of the QRP ARCI Quarterly that Laura is refering to
> is April, 98. Page 59.
>
> The article is titled "Introduction to SMT: Building a Colpitts
> oscillator and Buffer".
>
> This is a very good article. You should still be able to get
> a back issue from Danny, K3TKS. Email him at: K3TKS@abs.net

...and if back issues should prove to be unavailable, for
whatever reason, you can download a PDF version of the
article from:

<http://www.qsl.net/va3ldh/talks.html>

My working title was _SMT Kickstart_, changed by a certain
Noble Editor...

The PCB artwork is also there as a separate PostScript file.
Written by hand (as was the schematic in the article) because
I was too cheap to buy a real drawing program. :-)

Laura Halliday VA3LDH "Que les nuages soient notre
Grid: FN03gs pied a terre..."
 - Hospital/Shafte

Date: Tue, 5 Jan 1999 09:05:40 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-l@lehigh.edu
Subject: [28811] FS: SST/20m kit
Message-ID: <199901051705.JAA00647@heracles.llnl.gov>

I have a complete SST/20m kit for sale. Comes with extra crystals to extend VXO coverage and parts for the ABX filter mod. \$83 shipped or trade for a good functional digital test meter.

The SST turns out to not have enough audio for this grampa's ears.

Allan K7GT

agtaylor@llnl.gov

Date: Tue, 05 Jan 1999 11:08:29 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [28812] BE VERY VERY CAREFUL with TEST messages!
Message-ID: <3692470D.CF2448F6@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I had a problem with two lost messages to the list, one being a literary masterpiece. I then sent out two TEST messages so I could look for a PING on my big screen. Well, let me tell you, ONLY SEND TEST MESSAGES with EXTREME Caution !! Unless you are prepared to hire a secretary to answer all your fan mail, you will be swamped with more mail then the White House receives in one day! I even got a 599 report from k0rwc! This was my best signal report for the day. :-) Lee Bahr w0vt

Date: Tue, 5 Jan 1999 12:12:15 -0500
From: John McKee <JMckee@RFMD.com>
To: "'QRP-L'" <qrp-l@lehigh.edu>
Subject: [28813] JOTA patches
Message-ID:
<c=US%a=_%p=RF_Micro_Devices%l=PACHACUTEC-990105171215Z-110155@proxy1.rfmd.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Gang,

Does anyone who participated in the 1998 Jamboree on the Air have a couple of extra patches left they would sell me? I came up short two, and all have been sold out.

Thanks,

John WB40FT
jmckee@rfmd.com

Date: Tue, 05 Jan 1999 12:49:22 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: tomm@xata.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28814] Re: Butternut Butterfly beam?
Message-ID: <369250A2.C7E7346@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Butternut Butterfly is not as good as an ordinary dipole. Save your money. Tom, N1TP. Naples, Fl.

Tom Moll wrote:

> Can anyone provide any feedback, pro or con, on the
> Butternut Butterfly 2 element beam? How do they perform?
> Don't bother telling me it is not as good as a full size 20m
> beam ! (unless it is, of course :))
> TIA, Tom Moll, NoBS

Date: Tue, 5 Jan 1999 12:45:58 EST
From: JCoote@aol.com
To: qrp-1@lehigh.edu
Subject: [28815] Need new Wilderness number/email
Message-ID: <a35ce38f.36924fd6@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm looking for the new Wilderness Radio phone number (or email).
I think their area code was changed.

Thanks,

Jay Coote W6CJ

Date: Tue, 5 Jan 1999 09:50:49 -0800
From: Brian Murrey <brian@iquest.net>
To: qrp-1@lehigh.edu
Subject: [28816] TenTec 20M QRP Question
Message-ID: <99Jan5.095027pst.17036@firewall.bellind.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm thinking about buying a TenTec 1320 rig and was wondering if anyone
is successfully using a KC-1 in it for a keyer and freq counter? Does
anyone have a 1320 here that would like to comment on it?

Thanks

--

=====
KB9BVN :NORCAL #2792 FISTS #5695 QRP-L #1540
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.8w
=====

Date: Tue, 05 Jan 1999 12:53:41 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: tomm@xata.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28817] Re: Butternut Butterfly beam?
Message-ID: <369251A5.CBB3E949@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Butternut Butterfly is no where near as good as an ordinary dipole. The Butterfly is an antenna only for places where minimum space is available to accomodate an antenna. If you have space for a dipole, put it up and save your money on the Butterfly. Tom, N1TP. Naples, Fl.

Tom Moll wrote:

> Can anyone provide any feedback, pro or con, on the
> Butternut Butterfly 2 element beam? How do they perform?
> Don't bother telling me it is not as good as a full size 20m
> beam ! (unless it is, of course :))
> TIA, Tom Moll, NoBS

Date: Tue, 5 Jan 1999 12:53:48 -0500
From: Ronald McConnell <rcmcc@lucent.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Cc: "'Ronald McConnell'" <rcmcc@lucent.com>
Subject: [28818] Grayline propagation program, PA3CQR
Message-ID: <01BE38AA.70A54E30@daystar.amc.bell-labs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I _finally_ caught up on 2 weeks worth of qrp-l digests.

Paul's clear explanation of grayline propagation caught my eye and also Chuck's follow-up with the program.

You might also check out the freeware program Grayline 1.1 by Folkert Geurink, PA3CQR, available from

<http://www.qsl.net/pa3cqr>

The web page says the program won a "Best Cyberham Award."

73,

Ron McConnell, w2iol

Date: Tue, 5 Jan 1999 13:13:55 -0500

From: "Don Wilhelm" <w3fpr@netzero.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [28819] Re: KC-1 commands
Message-ID: <000401be38d7\$314ff3c0\$ca970e04@dbw-11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks gang,
I got several responses - one even sent scanner files of the pages needed.
Thanks to everyone who responded. A great bunch here on QRP-L.

Don W3FPR

NetZero - We believe in a FREE Internet. Shouldn't you?
Get your FREE Internet Access and Email at
<http://www.netzero.net/download.html>

Date: Tue, 5 Jan 1999 12:16:47 -0600
From: vlantz@juno.com (Vann G Lantz)
To: qrp-l@Lehigh.EDU
Subject: [28820] Re: Beacons & DX spots
Message-ID: <19990105.122154.21174.1.VLantz@juno.com>

Please explain what the importance of a beacon is. Why would one want to build one, and why would one want to listen to one?

Thanks again. Always in search of more knowledge.

Vann Lantz, KF4QHJ, AL
QRP-L #1790, AR QRP #241
VLantz@Juno.Com
[Http://members.xoom.com/VLantz/home.htm](http://members.xoom.com/VLantz/home.htm)
"If there is no God, then who pops up the next Kleenex in the box?"

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 5 Jan 1999 10:56:59 -0800

From: "Radman" <radman@best.com>
To: <JCoote@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28821] Re: Need new Wilderness number/email
Message-ID: <199901051854.KAA03192@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jay,

The "old" 415 area code has been split into 415 and 650
(the southern region of old 415). Wilderness Radio is now:
(650) 494-3806.

GL es 72 - Conrad - NN6CW

I'm looking for the new Wilderness Radio phone number (or
email).
I think their area code was changed.

Thanks,

Jay Coote W6CJ

Date: Tue, 05 Jan 1999 14:06:13 EST
From: we6w@juno.com (Ed Loranger)
To: qrp-1@lehigh.edu
Subject: [28822] FB-Pixie2 update.
Message-ID: <19990105.110422.4279.21.we6w@juno.com>

Hi gang, with a flat tire on the bicycle and
3 days in arrival headache, I am off work today.

Don't know what I'll be able to do on the fireball
interface to the pixie2 but I'll see if I can get
some time on it today.

Really interesting news. I checked some of the scrap
PC boards I've filled my junk box and one of the
boards that I have about 18 copies of, has the
74HC74 chip. This is the high-speed cmos version
if I am correct. It is fed by a 16.8000000000000,
(Extra zeros for effect :)) very nice osc. can. So

I've got lots of those too :)

Anyway, everthing I need is on this board. Heck, might even be able to get away with just cutting that section of the board out and using it as is. But will probably just desolder it.

So I've looked and can't find the 28.322 MHz xtal. Just a 25 and 33 MHz CPU clocks I had lying around. So it looks like more searching. Might not have this done in the timely manner I so reported.... But it will be done.

All of this work is associated to my Pixie-L project so maybe that 25 Mhz xtal will see 6Meters for a pixie.

I am now wishing the Autek RF-1 went to 100 Mhz, sure would make designing the filters easier for 6 meters.

Fortunately I can peak them on the spectrum analyzer. And the GDO will get me in the ballpark. (Hey Brian, you ever use the one I sent you?)

Time for some more aspirin... G'day all.

72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium QSO's=68/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 05 Jan 1999 14:06:14 EST
From: we6w@juno.com (Ed Loranger)
To: qrp-l@lehigh.edu
Subject: [28823] Fox:Bye Tonight. Antenna Inspections U.S.M.C.
Message-ID: <19990105.110422.4279.22.we6w@juno.com>

Hi gang. The fox schedule shows a BYE date.
I do recall mention of a "Special" fox appearance that was discussed in October and no info after that. (My youngest son inherited my memory.)

So, I surmise there is no fox, or special fox planned but thought I'd throw this out there.

This weeks schedule is:

Week: 14 1/6 ** BYE DATE ** 1/8 VE7DXJ BC 0300

NOTE: See archives for weekly repost of foxhunt rules.

I am not the keeper :) I last saved the 12/5/1998 posting.
but the rules are posted weekly.

Better go fix my bicycle tire. Too bad insulating foam
couldnt' fill that thar tire up so it wouldn't go
flat anymore!!! HMMMMMMMMMM -- Yech! What a mess.
Actually,,,,, 8^D

P.S. U.S. Marines always had the cleanest antenna
connections. I know, been there done that. Note:
If you are scheduled for 2 hours antenna maintenance,
there will be inspection failure until 10 minutes
after the allotted time. No matter how clean the
antennas are.

72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium QSO's=68/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 05 Jan 1999 14:07:21 -0400
From: David Maliniak <dmaliniak@penton.com>
To: qrp-l@lehigh.edu
Subject: [28824] Contacting Wilderness Radio
Message-ID: <369254D8.24958A98@penton.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jay, W6CJ:

Conrad graciously supplied the phone number for Wilderness Radio. If you
want to e-mail Bob, KD6VIO, his last known address was:

qrpbob@datatamers.com

72,

David N2SMH
Glen Rock, NJ

Date: Tue, 5 Jan 1999 19:25:28 +0000
From: John Taylor <john@joorology.demon.co.uk>
To: qrp-1@lehigh.edu
Subject: [28825] ARG0 II 535
Message-ID: <pxemeLAocmk2EwmU@joorology.demon.co.uk>
MIME-Version: 1.0

Hi everyone,
Just got back to the office (first chance to sort the e-mail)
after the festive break. Big thanks to all who took the time
with my request for info on the ARG0 II 535, reading through it
now.

Happy new year

john G4KKG

--

joorology is active.

Date: Tue, 5 Jan 1999 14:40:25 -0500
From: "Harry Hurst, WA3PTG" <hhurst@delaware.infi.net>
To: <brian@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28826] Re: TenTec 20M QRP Question
Message-ID: <004f01be38e3\$3f1fe8a0\$d70b010a@wil-support1.WILMINGTON.GCI>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My 1320 works just fine, with a few reservations. For battery operation, I think it draws a little too much current on receive, and the vfo isn't as stable as it could be for a QRP rig. OTOH, it has a good-enuf receiver, plenty of audio, the vfo is stable in the shack, and I'm having great fun with it. I like it enough that I also built the 1340. Don't know of any

reason it wouldn't work with the KC-1.

The only complaint I have is that since Christmas, I've been too busy with honey-dos and building other kits to do any operating. As soon as the weather gets foul enough I'll go out and put up a 40 meter dipole for the 1340!

Date: Tue, 5 Jan 1999 14:41:18 -0500
From: "Harry Hurst, WA3PTG" <hhurst@delaware.infi.net>
To: <brian@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28827] Re: TenTec 20M QRP Question
Message-ID: <005801be38e3\$5e4d2bc0\$d70b010a@wil-support1.WILMINGTON.GCI>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

One more thing about the Ten Tec kits. They're Y2K compatable.

Date: Tue, 5 Jan 1999 14:46:02 -0500
From: "Harry Hurst, WA3PTG" <hhurst@delaware.infi.net>
To: <n3fel@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28828] Re: The Millenium
Message-ID: <006301be38e4\$087c10c0\$d70b010a@wil-support1.WILMINGTON.GCI>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just don't understand all the fuss about 2001. Art Bell & his guests assure us that civilization will end on Jan. 1, 2000, so any talk of 2001 is a waste of time.

Date: Tue, 05 Jan 1999 14:24:57 -0600
From: TimAhrens <tahrens@hilconet.com>
To: qrp-1@lehigh.edu
Subject: [28829] I'm Back!
Message-ID: <36927519.CDBD36DB@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks - to anyone who needs it, my isp has changed, as well as the qth. The new address is: tahrens@hilconet.com (from the Texas hill country).

Finally got moved into the rent house.. gonna try & put up the multi band vertical today or tomorrow. Maybe try for the fox on Thursday.

Thanks for the bw!

Tim W5FN
Kerrville, Texas

Date: Tue, 5 Jan 1999 14:41:46 -0500
From: W5TB <w5tb@SoftHome.net>
To: qrp-1@Lehigh.EDU
Subject: [28830] solar charger
Message-ID: <v04011711b2b81ae0ebb1@[10.4.13.65]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Has anyone had any experience with the BatterySAVER PLUS solar charger?

<http://www.bam.net/innovation/solarplus.htm>

04021 12"X4"X1" 1.0 lbs.
1.8Watts 40 Watt Hours 5 Year warranty

Looks like just the thing to trickle charge a gel cell or small marine battery. Comments?

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>

QRPARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Tue, 5 Jan 1999 14:43:22 -0600
From: vlantz@juno.com (Vann G Lantz)
To: qrp-l@Lehigh.EDU
Subject: [28831] Need Hunting Equipt
Message-ID: <19990105.144725.24886.0.VLantz@juno.com>

My local Ham club is starting up fox hunting/transmitter hide-n-go-seek this summer. I HATE to lose. HELP!!

I need information, schematic, web sites, and the like. Myself and a Ham friend are going in on this together. I got him interested in QRP last night when I told him I was making a 2 transistor transciever (Pixie2, thanks to Ed.) I loved that funny little look on his face.

Anyway, can ya'll point me in the right direction.

Vann Lantz, KF4QHJ, AL
QRP-L #1790, AR QRP #241
VLantz@Juno.Com
[Http://members.xoom.com/VLantz/home.htm](http://members.xoom.com/VLantz/home.htm)
"If there is no God, then who pops up the next Kleenex in the box?"

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 5 Jan 1999 13:55:53 -0700
From: "James R. Duffey" <ji3m@maxwell.com>
To: qrp-l@Lehigh.EDU
Subject: [28832] Fractals, NERDS, and GIGO
Message-ID: <v03007800b2b8092150b6@[199.120.49.103]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I see that the list has now settled down and is generating new and more interesting endless threads. Will the Fractal Antenna/10 M record thread join the memorable threads on Q-Dope, radials vs. no radials, the SLV efficiency, and RTV? Time will tell, but it looks like a serious contender.

As my feeble mind understands the Fractal Antenna the fractal zigs and zags

essentially provide inductive loading to shorten the antenna electrically. I am sure that there are other more subtle effects at play, but the loading effect is real. I think that L. B. has followed the fractal antenna since its inception and may have a few comments on it. L. B.??

Marketing people are quite adept at making claims with many conditions and by the time the claims make it to press the conditions are forgotten. None the less, the record claimed for this antenna seems silly to QRP-L members and to low power communicators in general.

I was glad to see Ed mention the NERDS contest. As defending champion I would like more competition than I had last year. Put those thinking hats on and come up with a good antenna design that can be built in a hurry. For those that don't remember, the NERDS contest is sponsored by the NW-QRP club. The antenna used in the contest must be built from scratch beginning no sooner than hour before the contest begins. The materials that can be used are 200 ft of wire, 100 ft of feedline, and an amount of rope that I forget. The contest was in September last year; I have not seen a date posted this year. It is lots of fun and I hope that more people participate this year.

As for Garbage In Garbage Out, or GIGO, Laura has a good point in regards to DSP. One thing that can help though, if the problem is AGC capture by a loud nearby station reducing sensitivity, is to turn off the AGC and control the gain with the RF gain control. With the world becoming dominated by computers and computer calculations, I fear the that GIGO has come to stand for Garbage in-Gospel Out. Many people are much more willing to believe computer generated results rather than measured data or simple calculations.

That is all for now. Start thinking of your NERDS antenna. - Dr. Megacycle
- KK6MC/5

James R. Duffey <jr3m@maxwell.com> (505) 764-3143
Maxwell Technologies Inc. http://www.maxwell.com/
2501 Yale Blvd SE Suite 300
Albuquerque, NM 87106-4200

Date: Tue, 05 Jan 1999 12:56:54 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28833] Re: QSLing
Message-ID: <36927C96.87E04DFA@rakefet.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Brian Murrey wrote:

> I will have a special QSL Card of some sorts. PLEASE don't be a drag,
> QSL your contacts in a timely fashion whenever possible. I do mine
> nightly, takes 10 minutes and a buck worth of postage. It's just common
> courtesy.

I think that it's nice that you QSL al of your contacts, but I really don't think I am a discourteous drag because I don't! I think QSLing is an optional activity, and failure to QSL is not on par with tuning up on top of the fox with 10 KW or something.

My personal QSL policy is that I answer all direct QSLs that I receive. I don't expect stamped envelopes -- if you want a card from CA for some reason, you send me yours and I will send you mine. I don't even bother with most DX QSLs (well, I did send a card to VK0IR).

Some guys just *never* QSL, even if you send them a card. In my opinion, if that's what they want to do, that's fine. I do think that refusing to write your call on an index card and stick it in a postpaid envelope to help out a guy who needs your state crosses the line.

My time for radio-related stuff is limited. I've chosen to not to spend it on paperwork.

73,
Vic, K2VC0
Fresno CA

Date: Tue, 05 Jan 1999 13:50:20 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: w5tb@SoftHome.net, QRP-L <qrp-l@lehigh.edu>
Subject: [28834] Re: solar charger
Message-ID: <3692891C.2FFC744@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Doc,

This Item is available through Tech America for a regular price of \$29.95. It was on sale last month for \$19.95. I have recently seen it on sale for \$14.95. So I would look around.

If I have done my figuring correctly. It is 1.8W at 15V or 125mA output. If your new K2 draws 130mA on receive, then this panel won't keep your battery charged while using the radio. If you are running a Norcal 40 at 17mA receive, no problem.

So you need to figure out what you will be using it for and what the energy requirements will be.

For instance if I am going to use my K2 for 3 hours each night of a backpacking trip and charge it 4 or 5 hours (assuming direct sunlight, maximum output, etc) the next day, then it will work fine for you.

If you will be running a Special Event with the K2 for 8 hours with a high duty ratio (lots of transmitting) it probably won't keep up and your battery may run out.

Hope that helps.

--

73 de AC6KW <mailto:grudin@vdbbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Tue, 05 Jan 1999 15:48:06 -0600
From: Ed Manuel <n5em@flash.net>
To: qrp-l@lehigh.edu
Cc: carmody@lawyer.com, hats@stevens.com
Subject: [28835] FS: Mizuho Handhelds
Message-ID: <3.0.5.32.19990105154806.008ccd20@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang

I find it necessary to sell two of my HF handhelds to fund another project.
So . . .

1. Mizuho MX-21S 15 meter handheld, SN 201771. Covers 21.200 through 21.250 mhz. Outputs 2 watts on CW and approximately 0.5 watts on SSB (which is probably low - don't have a service manual). Operates on 7 AA

nicads or 6 AA alkalines and a spacer. Used, and sort of looks it but works - you won't be afraid to throw it in your backpack :-) \$230.

2. Mizhuo MX-21S 15 meter handheld, SN 605396 - Brand New in the Box. Purchased last year through a ham in Japan. Still has the original shrink-wrap AA alkalines in the box. This one has two crystals, 21.200 - 21.300 and puts out 2 watts CW and over 2 watts PEP on SSB (on my WM-1). This rig is brushed aluminum as opposed to the gray of the earlier versions. \$285.

Note: No antennas or other accessories are available.

I've made a deal to acquire a Tokyo Hi-Power Labs HT-750 (40,15,6 Meter triband handheld) and just can't keep this much hardware.

Please respond directly.

Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org
n5em@flash.net

Date: Tue, 5 Jan 1999 16:59:07 -0500
From: n3aaz-qrp@juno.com (John R Kirby)
To: tomm@xata.com, qrp-1@Lehigh.EDU
Subject: [28836] re: "Small" Antenna
Message-ID: <19990105.165913.-72619.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tom and Group,

Tell you what I did...

I considered physical small type antenna (my other shack is an RV) and in my opinion your money is better spent on something like the MFJ 259 (apx. \$250) analyzer. I then read "Voltage and Current Baluns" under Coupling the Line to the Antenna in the ARRL Antenna Book, then built rotatable dipoles using thin wall conduit, hose clamps, baluns and the 259. I am very pleased with a 6 meter and 10 meter dipole on the same mast. I now feel that a 20 meter rotatable dipole is doable (but as you probably know, it is hard to beat that 102 ft G5RV on 20 meters, HI). I am also

under the opinion that if you only have two tools in your tool box one must be an analyzer (like the MFJ 259) or equivalent. What about the second tool a vise-grip?

John
N3AAZ

On Tue, 5 Jan 1999 08:49:36 -0600 "Tom Moll" <tomm@xata.com> writes:

>Can anyone provide any feedback, pro or con, on the
>...xxx...jk...xxx...How do they perform?
>Don't bother telling me it is not as good as a full size 20m
>beam ! (unless it is, of course :))
>TIA, Tom Moll, NoBS
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 05 Jan 1999 17:01:20 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [28837] Re: A new record??
Message-ID: <36928BB0.288A0C96@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I wonder what Kurt N. Sterba is going to have to say about this one. I don't see how your going to get 25db gain out of two elements no matter how fancy you bend them.

>Charles L. Stackhouse wrote:

>
> >From Investor's Business Daily newspaper, p. A2, Dec. 29, 1998
>
> "New antenna design has broken distance record for radio signal
>
> The novel design by Fractal Antenna Systems transmitted successfully
over
> 5,000 miles from Massachusetts to Europe on a single watt of power, a
> record. Contacts with stations in Palau, Papua and other Pacific locations
> were achieved with two watts. The design is based on fractal mathematics.
> The antenna is a quarter the size of a conventional one and is triangular

> shaped."
>
> Anybody know anything about this antenna, i.e. what frequency, what time of
> day, or what mode? Is this an actual achievement or has some advertising
> guy just reinvented HF QRP?

Check out their website. The owner is a ham that hangs out on the
antenna reflector and I think I have seen him on qrp-l.

<http://www.fractenna.com/>

When you get to the webpage, read the latest news article.

73 de Dave, N0IT

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 05 Jan 1999 17:13:16 -0500
From: Richard Arland <k7sz@epix.net>
To: w6ors@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28838] Re: : Alinco DX-70TH info?
Message-ID: <36928E7C.DC9247C8@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

w6ors@juno.com wrote:

> Mine gave me some problems with not wanting to light up when I applied
> 13.8VDC and then refused to work at all. I e-mailed Alinco, wrote
> twice and haven't heard from them yet, and it's been 3 weeks without
> thefantastic rig!!
>
> So beware the "customer service" people at Alinco. Maybe they don't
> exist...

I, too, have written, e-mailed and called on at least 6 seperate occasions and have heard NOTHING back from Alinco. This is an unfortunate trend, because in the late 1980s when there were just starting in the American marketplace, they certainly had a responsive group that would answer mail and phone calls. Guess that may be the price of success.

So far, the ONLY folks that are quick to respond and want to help are the folks at Ten-Tec, Sevierville, TN. They wrote the book on customer service.

73 Rich K7SZ

Date: Tue, 5 Jan 1999 14:13:04 -0800
From: "Radman" <radman@best.com>
To: <n5em@flash.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28839] Re: Mizuho Handhelds
Message-ID: <199901052210.0AA15734@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed,

I'm interested in #2 but I need a little more info.

I'll email you immediately,

72 - Conrad - NN6CW

From: Ed Manuel <n5em@flash.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: FS: Mizuho Handhelds
Date: Tuesday, January 05, 1999 1:48 PM

Gang

I find it necessary to sell two of my HF handhelds to fund another project.

So . . .

1. Mizuho MX-21S 15 meter handheld, SN 201771. Covers 21.200 through 21.250 mhz. Outputs 2 watts on CW and approximately 0.5

watts on SSB
(which is probably low - don't have a service manual).
Operates on 7 AA
nicads or 6 AA alkalines and a spacer. Used, and sort of
looks it but
works - you won't be afraid to throw it in your backpack
:-) \$230.

2. Mizhuo MX-21S 15 meter handheld, SN 605396 - Brand New
in the Box.
Purchased last year through a ham in Japan. Still has the
original
shrink-wrap AA alkalines in the box. This one has two
crystals, 21.200 -
21.300 and puts out 2 watts CW and over 2 watts PEP on SSB
(on my WM-1).
This rig is brushed aluminum as opposed to the gray of the
earlier
versions. \$285.

Note: No antennas or other accessories are available.

I've made a deal to acquire a Tokyo Hi-Power Labs HT-750
(40,15,6 Meter
triband handheld) and just can't keep this much hardware.

Please respond directly.

Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org
n5em@flash.net

Date: Tue, 05 Jan 1999 17:56:06 +0000
From: Rick Weber <weber@accenttech.com>
To: wb8ygg@juno.com
Cc: qrp-l@lehigh.edu
Subject: [28840] re: Slingshots for launching
Message-ID: <36925220.3DD8@accenttech.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks, Brad, for the slingshot source.

I've already got a wrist rocket. What I REALLY need is some lessons in firing true and far.

We're fortunate to have 17 acres of very tall old trees. And I dream of an antenna farm. But, after many hours slingshotting away, I've only managed to put up two flat tops and a vertical.

My wife derives much amusement from my attempts. She says, "Antenna farm? It's more like an antenna NEST." Yeah, I guess there's a lot of fishing line and sinkers up there.

I use a fishing pole with a spinner reel and some pretty strong line, and my technique, although improving, is still pretty miserable.

Any pointers from you steely-eyed missilemen out there on this reflector? Thanks.

Rick
W9QZ

Brad WB8YGG wrote:

snip...

> Hey folks, I ordered a couple of slingshots from a place in Texas.
>
> <http://www.aactionsports.com>
>
> These were pretty inexpensive slingshots, and perfectly good for
> launching the antenna!
>
> If you order from them, be aware that they don't have a secure server
> for
> ordering,
> but they can handle over the phone, or mail in orders.
>
> I have no interest in this place other than they were great prices, and
> I
> have my antenna launcher.
> (Folding no less for backpacking!)
>
> 73
> Brad
>
> "One of the TICK Guys"

> Brad WB8YGG

Date: Tue, 05 Jan 1999 08:43:34 -0800
From: Stan Goldstein <stan@cruzio.com>
To: tomm@xata.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28841] Re: Butternut Butterfly beam?
Message-ID: <36924135.829C71C5@cruzio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I wasn't happy with mine at all.

As an example, on 20 m to kh7 from w6 , my 80 m dipole off the end, worked better then the butterfly o.

Stan N6XU

Tom Moll wrote:

>
> Can anyone provide any feedback, pro or con, on the
> Butternut Butterfly 2 element beam? How do they perform?
> Don't bother telling me it is not as good as a full size 20m
> beam ! (unless it is, of course :))
> TIA, Tom Moll, NoBS

Date: Tue, 5 Jan 1999 15:01:18 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-l@lehigh.edu
Subject: [28842] SST/20m kit is sold.
Message-ID: <199901052301.PAA02052@heracles.llnl.gov>

The SST/20m kit I posted this morning has now been committed.

Thanks for the many inquiries and trade options.

Allan K7GT

Date: Tue, 5 Jan 1999 18:04:26 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "qrpforum" <qrp-l@lehigh.edu>

Cc: "klqrp" <klqrp@waterw.com>
Subject: [28843] Novelty QRPp Logs
Message-ID: <199901052328.SAA13388@fh106.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys,

Be sure to send me your logs, even if your score is disappointingly low.
Propagation was bad this year for everyone, so you may be surprised at how
well you did in your category.

We will accept logs through January 25 and will post the winners on QRP-L
near the end of January.

Prizes are TiCK Keyers and a KnightSMiTe.

CUL,
Bob Kellogg, AE4IC,
4708 Charlottesville Rd.
Greensboro, NC 27410
Prolably, but not nececelery. -- Benny Hill

Date: Tue, 5 Jan 1999 15:32:26 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28844] testing... sorry for bandwidth
Message-ID: <199901052329.PAA24832@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Sorry for recent excess bandwidth... testing some email
settings here :-)

72 - Conrad.

End of QRP-L Digest 1327
